

**For Large Size**

# Precious Metal Purity, Gold Karat Tester

## Application:

Precious Statue with large-size, Bank, Pawn shop, Gold refining and recycling industry.

## Principle:

According to the buoyancy method of Archimedeian principle, gold karat, density and purity% can be showed rapidly and accurately.



## Specifications:

Model	TWD-1200K	TWD-2000K	TWD-3000K
The maximum weight	1200g	2000g	3000g
Weighing range	5-1200g	10-2000g	30-3000g
Weighing precision	0.01g	0.02g	0.05g
Density precision	0.01g/cm <sup>3</sup>		
Testing objects	Gold, Platinum, Silver and other precious metals		
Value showed	Gold: Karat, Density, Purity Platinum, Silver and other metals: Density, Purity		

## Features:

- By adopting the design of big tank, it is suitable for testing heavy and large-size metal samples;
- Only two weighing steps, karat, density and purity of gold can be showed rapidly and accurately.
- With the mixture proportion function, it can be used for testing density and purity of platinum, silver and other metals.
- By adopting the design of big tank, it can decrease the inaccuracy caused by supporting wire's buoyancy.
- Standard size of water tank: 220(L)\*180(W)\*140(H) mm;
- The maximum sample size can be tested: 200(L)\*120(W)\*80(H)mm.
- The water tank length can be customized according to the customer's demand.

## Interface:

Precious metal purity, gold karat tester is equipped with RS-232 interface, it can be connected to computer or printer.



Wa =	60.64g
Wb =	56.28g
KCS =	15
KS =	13
KC =	16
D =	13.87
PCS =	63
PS =	53
PC =	66

Optional accessory: Printer